(Upto 20/2/2001)

S. No.	Name of the State	Rs. in lakhs
4.	Meghalaya	951.04
5.	Mizoram	408.17
6.	Tripura	996.97
7.	Nagaland	1670.70

Directive Regarding Earthquake Resistant Houses in Urban Areas

†497. SHRI RAJIV RANJAN SINGH "LALAN":
SHRI RAM JETHMALANI:

Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVIATION be pleased to state:

(a) whether Government have issued specific directive to construct earthquake resistant houses in the country, particularly in urban areas;

(b) if so, whether any research and investigation have been conducted in respect of such type of houses; and

(c) if not, the reasons therefor and if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT AND POVERTY ALLEVIATION (SHRI BANDARU DATTATRAYA): (a) to (c) Government had set up an Expert Group on Natural Disaster Prevention, Preparedness and Mitigation having bearing on housing and related infrastructure. The Group submitted its report in early 1998. In this report, the mapping of disaster prone areas and the level to which houses in various districts were prone to risks, had been brought out alongwith guidelines necessary to improve hazard resistant construction of buildings and land use zoning. An outline of the report is enclosed as Statement.

Excerpts from the report were sent to the State Governments in May 1998 with the request to examine the recommendations of the Expert Group and devise an action plan, for disaster mitigation. The States have since been reminded.

Statement

Outline of the Report

PART-1: TECHNO LEGAL ASPECTS OF EARTHQUAKE, WINDSTORM AND FLOOD HAZARDS AND LAND USE ZONING

†Original notice of the question was received in Hindi.

* Majar Natural Disasters in India
* Status of Disaster Mitigation in India
* Vulnerability Atlas of India
* Multi-Hazard Risk in Various Districts of India
* Damage Scenario of a Hypothetical 8.0 Magnitude Earthquake in Kangra Region of Himachal Pradesh
* Disaster Scenario for a Hypothetical Repeat of 1997 Cyclone Striking the Andhra Pradesh Coast in 1997
* Flood Damage Scenario in Burhi-Dehing Sub-Basin
* Cost-Benefit Aspects of Disaster Mitigation
* Techno-Legal Regime For Natural Disaster Reduction
* Strategies For Disaster Prevention
* Recommendations
* Action Plan for Natural Disaster Reduction

PART-II: VULNERABILITY ATLAS OF INDIA

* Introduction
* Description of the Vulnerability Atlas
* The Seismic Hazard Maps
* Cyclone and Wind Hazard Maps
* Flood Hazard Maps
* Housing Vulnerability Tables
* Use of Vulnerability Atlas
* Hazard Maps of States & District-wise Tables of Damage Housing

PART-III: GUIDELINES FOR IMPROVING HAZARD RESISTANT CONSTRUCTION OF BUILDINGS AND LAND USE ZONING

* Land use Zoning in Hazard Prone Areas-Guidelines
* Improving Flood Resistance of Housing—Guidelines
* Improving Wind/Cyclone resistance of Building—Guidelines
* Improving Earthquake Resistance of Buildings—Guidelines.

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